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Version Description Document

Theater Ballistic Missile Defense (TBMD) Segment

Version 3.0.5.5

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1. System Overview

The Theater Ballistic Missile Defense (TBMD) segment is the central user interface for the overall software capability of Theater Ballistic Missile (TBM) launch, detection, tracking, and display.

The software segment is unclassified when initially installed. However, once classified tables required by the TBMD segment are introduced into the system, the segment becomes classified to the same level as the data contained in the tables. The system displays the classification level selected during the operating system load. During operations, the system generally will be classified at the SECRET level.

2. Referenced Documents

None.

3. Version Description

3.1 Inventory of Materials Released

- Magnetic media: †Two-8mm tapes consisting of the TBMD Version 3.0.5.5 Segment, Solaris 2.3 format, intended for a SPARC workstation running Global Command and Control System (GCCS) 2.2 [Unified Build (UB) 3.0.1.6G]
- One paper copy and one electronic copy (Microsoft Word 7.0) of the *Version Description Document Theater Ballistic Missile Defense (TBMD) Segment Version 3.0.5.5*, Document Control No. TBMD.3.0.5.5.VDD-1, May 1, 1997.

3.2 Software Changes

The following software trouble report (STR) has been corrected in the TBMD Version 3.0.5.5 Segment:

- The following steps cause the loss of the TBMD Summary window capability.
 - STEP 1: Log in to the system and select TBMD Start from the TDAs pull-down menu.
 - STEP 2: Select Show TBMD window from the TDAs pull-down menu.

- STEP 3: Click on the `Control Panel` button in the `TBMD Summary` window.
- STEP 4: Click on the `Cancel` button (with or without) making changes to the window items in the `Control Panel`.
- STEP 5: Click on the `Close` button in the `TBMD Summary` window.
- STEP 6: Select `Show TBMD window` from the `TDAs` pull-down menu and observe that the `TBMD Summary` window will no longer display.

4. Installation Instructions

NOTE:††The `TBMD 3.0.5.5 Segment` is intended to replace the `TBMD 3.0.5.3 Segment`. Therefore, before installing `TBMD 3.0.5.5` you must deinstall the `TBMD 3.0.5.3 Segment` or any other version of `TBMD`.

WARNING: Before loading the `TBMD Version 3.0.5.5 Segment`, the system must be correctly loaded with the `GCCS 2.2 Runtime Environment`.

Perform the following steps to install the `TBMD Version 3.0.5.5 Segment`:

- STEP 1: Insert the tape into the drive on the workstation. Wait for the drive lights to stop flashing.
- STEP 2: Type the following commands at the `Login` window prompt:
- ```
sysadmin [RETURN]

<password> [RETURN]
```
- STEP 3: Select the `Segment Installer` option from the `Software` pull-down menu to load the `TBMD Version 3.0.5.5 Segment`. The `SEGMENT INSTALLER` window appears.
- STEP 4: Select the appropriate `MEDIA DEVICE` using the `SELECT MEDIA` button in the `SEGMENT INSTALLER` window and then click on the `READ TOC` button.
- STEP 5: Highlight the `TBMD 3.0.5.5 Segment` entry in the `TABLE OF CONTENTS` portion of the window and click on the `INSTALL` button.
- The `TBMD Version 3.0.5.5 Segment` should now be properly installed.

## 5. Known Problems and Errors

The following problems have been noted in the TBMD Version 3.0.5.5 Segment (SPARC†only):

- The audio alert functionality of TBMD works with the audio equipment built into the SPARCstation. However, the required audio drivers are not installed with the *End-User* installation of the Solaris 2.3 Operating System. The audio drivers must be installed either by specifying the full installation of Solaris 2.3 or by adding the driver using the Solaris distribution *Update* feature.
- The PLOT function and interface to the Central Database System (CDBS) are not supported in the TBMD Version 3.0.5.5 Segment.